Gas Based Power Plants by N.T.P.C.

4515. SHRI SATISH PRADHAN : Will the Minister of POWER be pleased to state :

(a) whether the National Thermal Power Corporation propose to set up Gas based power projects ; if so, what are the locations of these plants ;

(b) what is the source of fuel for these plants ;

(c) whether the lending point has been determined by Government ; and

(d) whether Government have worked out the unit cost of power to be generated through these plants ; if so, the details thereof ?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU) : (a) to (c) The National Thermal Power Corporation (NTPC) submitted feasibility report for setting up of the following gas power projects to the Government. The main source of fuel for these gas projects is natural gas. The location, capacity, gas linkage and source of natural gas are indicated below :

Name of the Project	Location Distt./State	Capacity (MW)	Gas linkage	Source of Natural Gas
Faridabad Gas Power Project Stage-I	District—Faridabad, Haryana	400	2.0 MCMD	HBJ Pipeline
Anta Gas Power Project Stage-II	District—Kota, Rajasthan	430	0.25 MCMD	HBJ Pipeline
Dadri Gas Power Project Stage-II	District—Ghaziabad, Uttar Pradesh	403	Not yet tied up	Not yet tied up
Farrukhabad Gas Power Project Stage-I	District—Farrukhabad,	800	Not yet tied up	Not yet tied up

The Anta Gas Power Project Stage-II, Dadri Gas Power Project Stage-II and Farrukhabad Gas Power Project Stage-I are not being processed because of non-availability of required quantity of gas.

The NTPC has also signed a Memorandum of Understanding (MOU) with Oman Oil Company (a Company wholly owned by the Sultanate of Oman) for setting up joint venture power projects in India based on natural gas primarily to be imported from Oman through submarine pipeline. The details of specific power projects can be decided only after adequate progress takes place on the Oman-India gas pipeline.

The Godavari Gas Power Project Stage-I in Kakinada district of Andhra Pradesh, which was earlier proposed to be set up by NTPC, is now being implemented as a joint venture with minority equity participation by NTPC. The gas linkage of 0.75 MCMD for this project is from Krishna-Godavari Basin.

(d) The cost of generation for Faridabad Gas Power Project Stage-I is estimated at 239.95 Paise/Kwh, based on project cost of third quarter 1993 price, considering 6000 hrs. of operation per year, 16% rate of return on equity with the debt equity ratio of 1 : 1.

For the Godavari Gas Power Project Stage-I being implemented as a joint venture, the cost of generation is estimated at 218.18 paise/Kwh considering 6000 hrs. of operation, 16% rate of return on equity with debt equity ratio of 70 : 30.